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L13: Entry 29 of 37   File: USPT   Dec 18, 1990

DOCUMENT-IDENTIFIER: US 4979039 A
TITLE: Method and apparatus for vector quantization by hashing

Detailed Description Paragraph Right (47):
The address of the one code word having the least distortion with respect to the
compared signal vector 28 is used as the code 34 for the hashed signal vector 28 and is
placed by the microprocessor 152 in a compressed image file, which may be one of the
two direct random access memory banks 140 or 148. The process is repeated by the
microprocessor 152 for each signal vector 28 partitioned from each of the component
pixel planes 222, 228 and 230 until all signal vectors of the Y and reduced I and Q
planes 222, 228 and 230 have been quantized and a file of an entire compressed image is
created containing only code word addresses or codes 34.